

## Servo harnessing according to SIEMENS® 6FX5002-

**Info**

- The complete solution



**Benefits**

- This cable to Siemens Standard 6FX5002 is the high-quality yet more economical version of the highly flexible 6FX8002 version
- 100% compatible with Siemens systems
- The oil-resistant PVC sheath allows them to be used particularly in industrial areas
- For fixed/static installation.

**Application range**

- Plant engineering and construction
- Servodrives and Servoharnessings

**Approvals (Norm references)**



**Product Make-up**

- Design according to Siemens standard 6FX5002.
- Outer sheath: special PVC vinyl compound, flame-retardant according to IEC 332.1,

**Note**

- The maximum length of the cables must agree with the manufacturers' instructions of the servo drives
- Afterwards the Technical Data of the used cables

**Design**

- Further versions and lengths can be delivered quickly.

**Technical data**

**Approvals**  
 Power cables:  
 VDE-Reg 7855  
 UL/CSA AWM style 2570  
 Signal cables:  
 UL/CSA AWM style 2502

**Conductor stranding**  
 Extra fine strands of plain copper wires in acc. to VDE 0295 Cl. 6/IEC 60228 Cl.6

**Minimum bending radius**  
 Fixed installation:  
 5 x outer diameter  
 flexible: 12 x outside diameter

**Rated voltage**  
 Signal cables:  
 - 30 V AC/DC (UL/CSA)  
 - 250 V AC (IEC)  
 Power cables:  
 - Cores:  
 1000 V (UL/CSA)  
 600 / 1000 V (IEC)  
 - Control cores:  
 750 V (UL/CSA)  
 30 V AC (IEC)

**Range of temperature**  
 fixed installation: -20 °C to +80 °C  
 flexible: 0 °C to +60 °C

Part number	Length in m	Siemens assembly designation	Siemens cable designation	Copper index kg/1000 pcs.	Further dimensions
<b>Harnessings for signal transmission systems</b>					
74305559	10.0	6FX5002-2AD00-1BA0	6FX5008-1BD41	630.0	other lengths available
74305659	10.0	6FX5002-2AD04-1BA0	6FX5008-1BD41	630.0	other lengths available
74305759	10.0	6FX5002-2AH00-1BA0	6FX5008-1BD21	770.0	other lengths available
74305859	10.0	6FX5002-2CA11-1BA0	6FX5008-1BD21	630.0	other lengths available
74306059	10.0	6FX5002-2CA31-1BA0	6FX5008-1BD51	690.0	other lengths available
74306159	10.0	6FX5002-2CA34-1BA0	6FX5008-1BD51	690.0	other lengths available
74306659	10.0	6FX5002-2CF01-1BA0	6FX5008-1BD41	630.0	other lengths available
74306759	10.0	6FX5002-2CF02-1BA0	6FX5008-1BD41	630.0	other lengths available
74306859	10.0	6FX5002-2CH00-1BA0	6FX5008-1BD41	630.0	other lengths available
74307059	10.0	6FX5002-2EQ10-1BA0	6FX5008-1BD51	690.0	other lengths available
74307159	10.0	6FX5002-2EQ14-1BA0	6FX5008-1BD51	690.0	other lengths available
70430150	10.0	6FX5002-2DC00-1BA0	-	370.0	other lengths available
70430069	10.0	6FX5002-2DC10-1BA0	-	370.0	other lengths available
70430151	10.0	6FX5002-2DC20-1BA0	-	370.0	other lengths available
<b>Harnessings for servo drives without break</b>					
74307259	10.0	6FX5002-5CA01-1BA0	6FX5008-1BB11	880.0	other lengths available
74307459	10.0	6FX5002-5CA05-1BA0	6FX5008-1BB11	880.0	other lengths available
74308259	10.0	6FX5002-5CA31-1BA0	6FX5008-1BB21	1,320.0	other lengths available
74308559	10.0	6FX5002-5CA41-1BA0	6FX5008-1BB31	1,950.0	other lengths available
74308659	10.0	6FX5002-5CA51-1BA0	6FX5008-1BB41	2,800.0	other lengths available
70430003	10.0	6FX5002-5CS01-1BA0	6FX5008-1BB11	880.0	other lengths available
70430004	10.0	6FX5002-5CS11-1BA0	6FX5008-1BB21	1,940.0	other lengths available
<b>Harnessings for servo drives with break</b>					
74308959	10.0	6FX5002-5DA01-1BA0	6FX5008-1BA11	1,500.0	other lengths available
74309159	10.0	6FX5002-5DA05-1BA0	6FX5008-1BA11	1,500.0	other lengths available
74309960	10.0	6FX5002-5DA31-1BA0	6FX5008-1BA21	1,940.0	other lengths available
74313361	10.0	6FX5002-5DA41-1BA0	6FX5008-1BA31	2,720.0	other lengths available
74313661	10.0	6FX5002-5DA51-1BA0	6FX5008-1BA41	3,510.0	other lengths available
70430001	10.0	6FX5002-5DS01-1BA0	6FX5008-1BA11	1,500.0	other lengths available
70430002	10.0	6FX5002-5DS11-1BA0	6FX5008-1BA21	1,940.0	other lengths available

Copper price basis: EUR 150 / 100 kg  
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 Part number refers to genuine LAPP part

